

Converting Colors

$Yxy(92.1370, 0.3020, 0.3282)$

Have a look what the booklet for
Yxy(92.1370, 0.3020, 0.3282)
contains.

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Color

Yxy(91.9771, 0.3021, 0.3280)

Conversions

Conversions Part 1

Format	Color
Hex	E9F9FA
RGB	233, 249, 250
RGB Percent	91%, 98%, 98%
CMY	0.0866, 0.0234, 0.0196
CMYK	0.07, 0.00, 0.00, 0.02
HSL	183°, 63%, 95%
HSV	183°, 7%, 98%
XYZ	84.7143, 91.9771, 103.7266
YIQ	244.3300, -9.8570, -3.0810

Conversions

Conversions Part 2

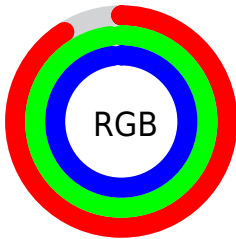
Format	Color
R _Y B	233, 241, 250
Decimal	15333882
CIE Lab	96.81, -5.07, -2.29
CIE LCh	97, 5.565, 204.299
Yxy	91.9771, 0.3021, 0.3280
Android (android.graphics.Color)	4293523962 (0xFFE9F9FA)
YUV	244.3300, 2.7953, -9.9364
Hunter-Lab	95.9047, -10.1611, 3.0076

Details

The Yxy color **91.9771, 0.3021, 0.3280** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.9824, 0.3243, 0.3300**, and the grayscale version is **90.7205, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.3821, 0.2993, 0.3277** is the 20% darker color. If you saturate the color by 10%, you get **87.1968, 0.2871, 0.3264**, and if you desaturate by 10%, it is **96.8102, 0.3159, 0.3294**.

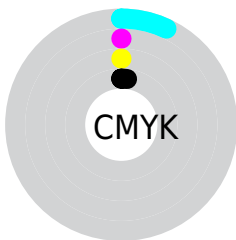
Distribution



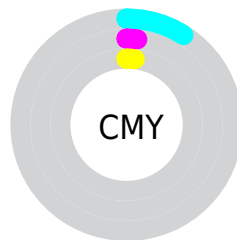
- Red (91%)
- Green (98%)
- Blue (98%)



- Red (91%)
- Yellow (95%)
- Blue (98%)



- Cyan (7%)
- Magenta (0%)
- Yellow (0%)
- Black (2%)



- Cyan (9%)
- Magenta (2%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.9771, 0.3021, 0.3280 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 91.9771, 0.3021, 0.3280 by changing the saturation by 10% instead.


 91.9771, 0.3021,
0.3280

 91.9771, 0.3021,
0.3280


534.4415, 0.3068,
0.3285

 69.6216, 0.3011,
0.3279


150.0817, 0.3037,
0.3282

 51.2181, 0.2998,
0.3278

186.5995, 0.3043,
0.3282

 36.3822, 0.2983,
0.3276


228.6069, 0.3049,
0.3283

 24.7295, 0.2963,
0.3274

276.4883, 0.3054,
0.3283

 15.8757, 0.2937,
0.3271

330.6281, 0.3058,
0.3284

 9.4362, 0.2902,
0.3266


391.4106, 0.3062,


 5.0268, 0.2850,


0.3284


0.3260


459.2203, 0.3065,
0.3284


 2.2630, 0.2767,
0.3249

 0.7540, 0.2547,
0.3239

 91.9771, 0.3021,
0.3280

 91.9771, 0.3021,
0.3280


 87.1968, 0.2871,
0.3264

 96.8102, 0.3159,
0.3294

 82.9902, 0.2731,
0.3248

 97.6958, 0.3158,
0.3308

 79.3345, 0.2602,
0.3230

 98.5881, 0.3157,
0.3321

 76.2008, 0.2489,
0.3211

 99.4871, 0.3156,
0.3335

73.5578, 0.2394,
0.3192

99.6819, 0.3156,
0.3338

71.3704, 0.2317,
0.3172

69.5990, 0.2260,
0.3153

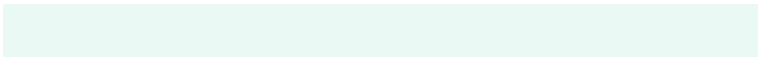
68.1973, 0.2223,
0.3134

67.1062, 0.2202,
0.3115

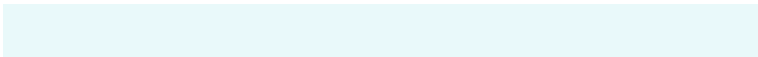
Harmonies

Analogous

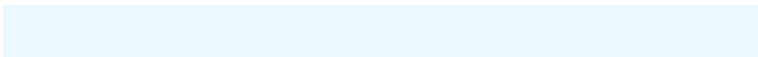
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.9771, 0.3063, 0.3336



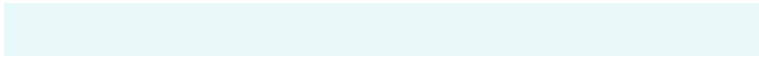
91.9771, 0.3021, 0.3280



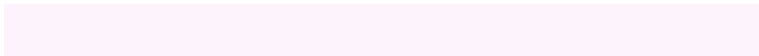
91.9771, 0.3007, 0.3228

Triad

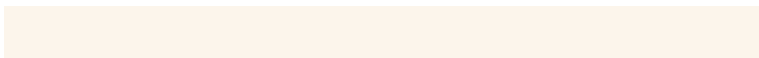
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



91.9771, 0.3021, 0.3280



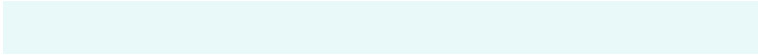
91.9771, 0.3131, 0.3204



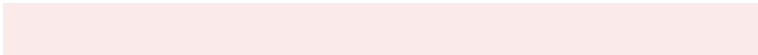
91.9771, 0.3231, 0.3387

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



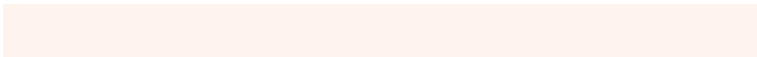
91.9771, 0.3021, 0.3280



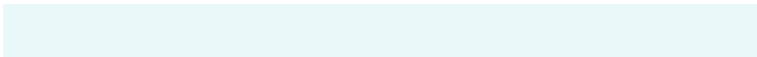
84.9824, 0.3243, 0.3300

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.9771, 0.3249, 0.3351



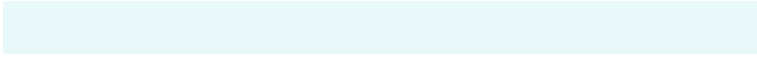
91.9771, 0.3021, 0.3280



91.9771, 0.3191, 0.3245

Square

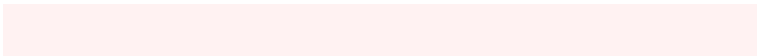
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.9771, 0.3021, 0.3280



91.9771, 0.3070, 0.3184



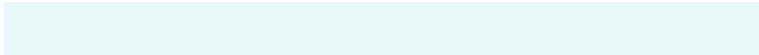
91.9771, 0.3235, 0.3299



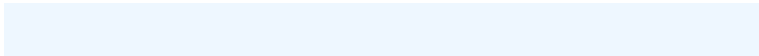
91.9771, 0.3184, 0.3398

Rectangle

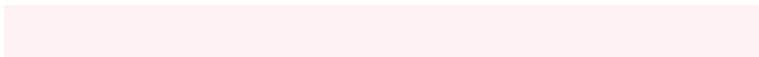
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



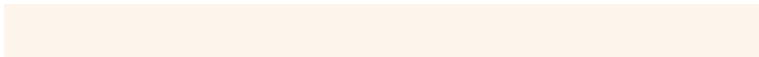
91.9771, 0.3021, 0.3280



91.9771, 0.3015, 0.3202



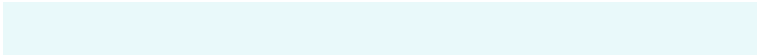
91.9771, 0.3235, 0.3299



91.9771, 0.3240, 0.3378

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



91.9810, 0.3021, 0.3280



98.8613, 0.3096, 0.3287



91.6063, 0.3114, 0.3454



21.1723, 0.3097, 0.3287



0.0000, 0.0000, 0.0000



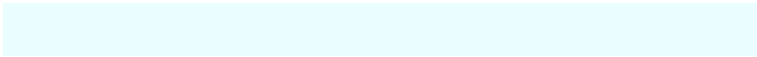
21.4041, 0.3127, 0.3290

Same Dimension

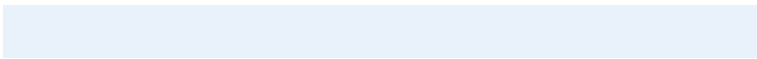
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.9810, 0.3021, 0.3280



95.5989, 0.3003, 0.3278



86.8878, 0.3022, 0.3195



19.4301, 0.2980, 0.3276



35.5055, 0.2198, 0.3112



3.3383, 0.2204, 0.3135

Inverse Universe

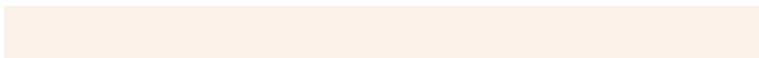
The Inverse Universe completely reimagines the original color for something new.



85.3961, 0.3141, 0.3132



87.5936, 0.3144, 0.3104



89.8915, 0.3235, 0.3383



17.5066, 0.3147, 0.3069



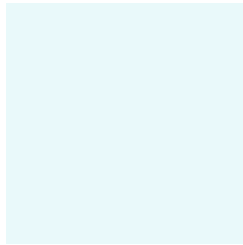
13.9952, 0.3357, 0.1623



1.3012, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 91.9771, 0.3021, 0.3280 looks on a white background.

Color Contrast Check

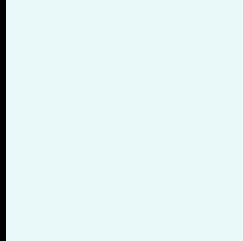
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 91.9771, 0.3021, 0.3280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

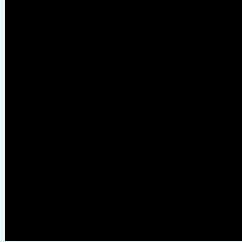
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

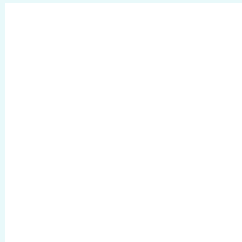
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.9771, 0.3021, 0.3280

Background



This preview shows how black text looks on a background with the Yxy color 91.9771, 0.3021, 0.3280.

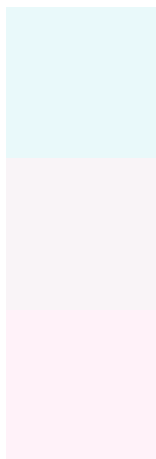


This preview shows how white text looks on a background with the Yxy color 91.9771, 0.3021, 0.3280.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

91.9771, 0.3021, 0.3280

Protanopia

91.5565, 0.3141, 0.3261

Deuteranopia

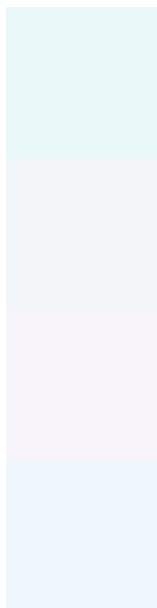
91.6038, 0.3169, 0.3223



Tritanopia

91.8323, 0.3043, 0.3201

Trichromacy



Original Color

91.9771, 0.3021, 0.3280

Protanomaly

91.7435, 0.3096, 0.3270

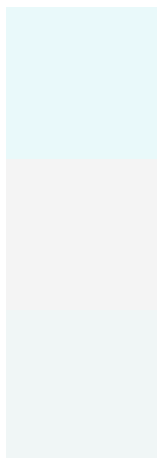
Deuteranomaly

91.9185, 0.3116, 0.3251

Tritanomaly

91.7905, 0.3035, 0.3230

Monochromacy



Original Color

91.9771, 0.3021, 0.3280

Achromatopsia

90.4661, 0.3127, 0.3290

Achromatomaly

91.0906, 0.3089, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.9771, 0.3021, 0.3280 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(233, 249, 250)` looks like.

```
.text, #text, p{  
    color:rgb(233, 249, 250)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(233, 249, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 249, 250) }
```

Border

The CSS property to change the border of an element to Yxy 91.9771, 0.3021, 0.3280 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 249, 250) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(233, 249, 250) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(233, 249, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 249, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 249, 250);  
box-shadow:4px 4px 4px 4px rgb(233, 249,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 91.9771, 0.3021, 0.3280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 249, 250) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(233,  
249, 250) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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